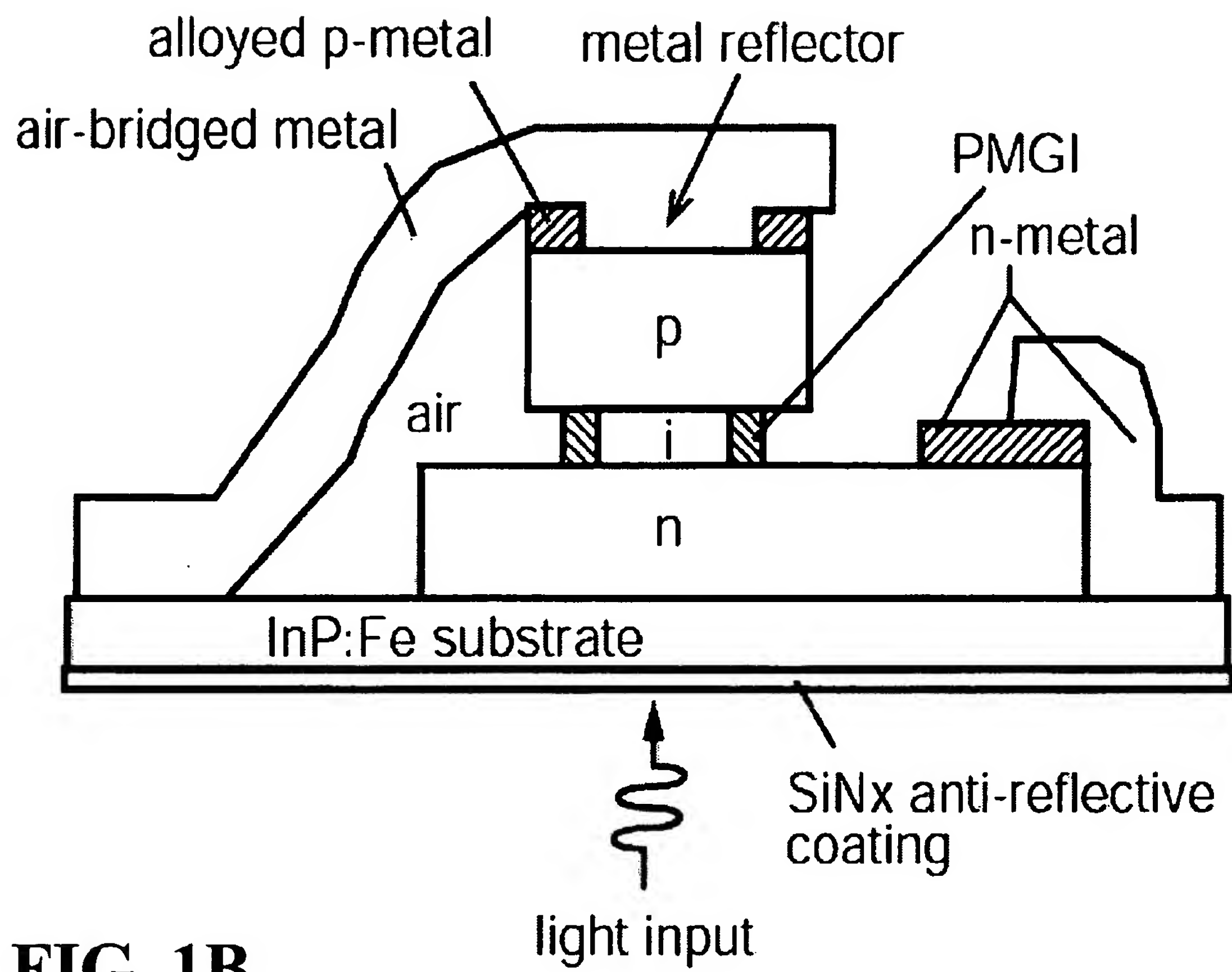


**FIG. 1A**



**FIG. 1B**

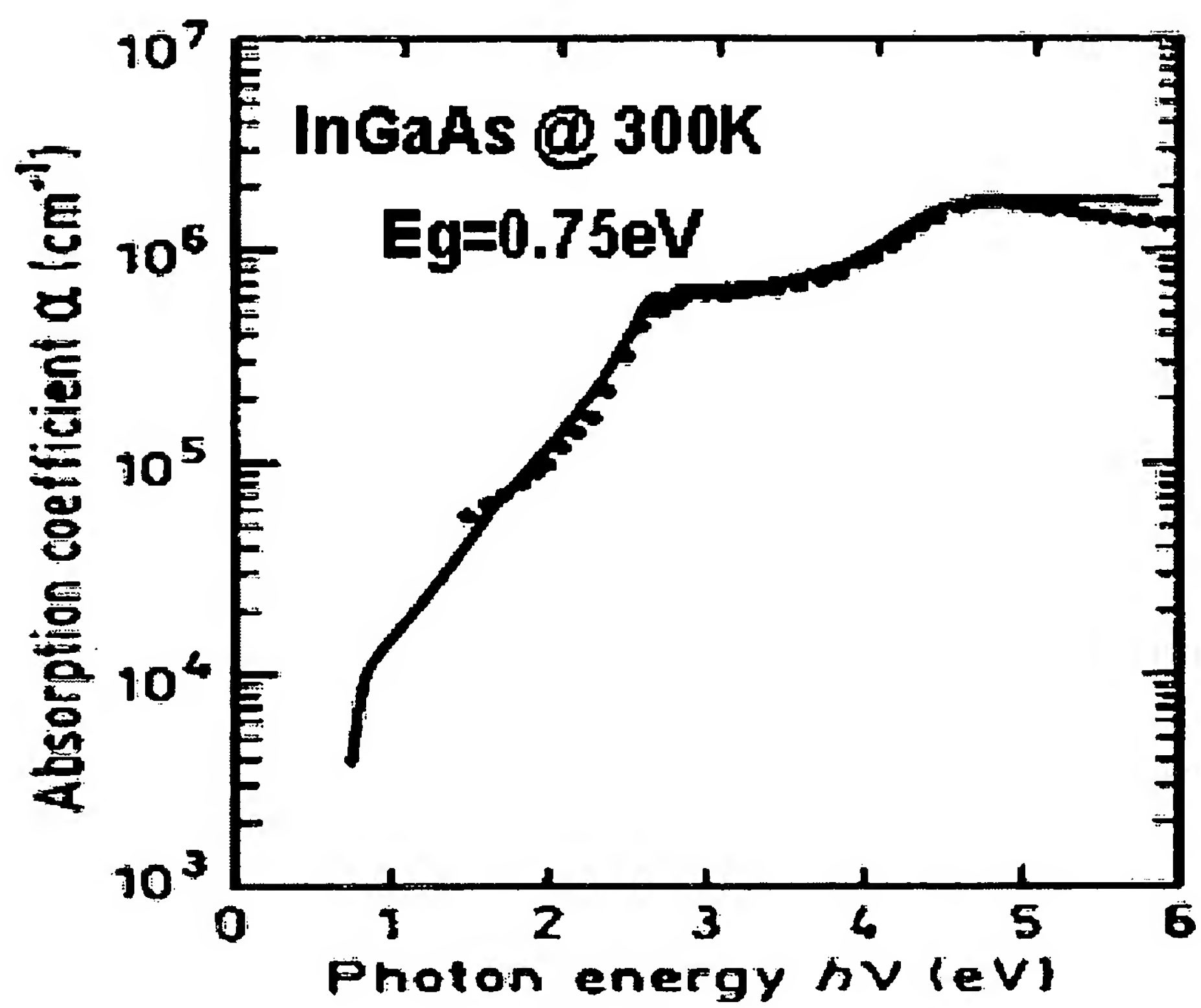


FIG. 2A

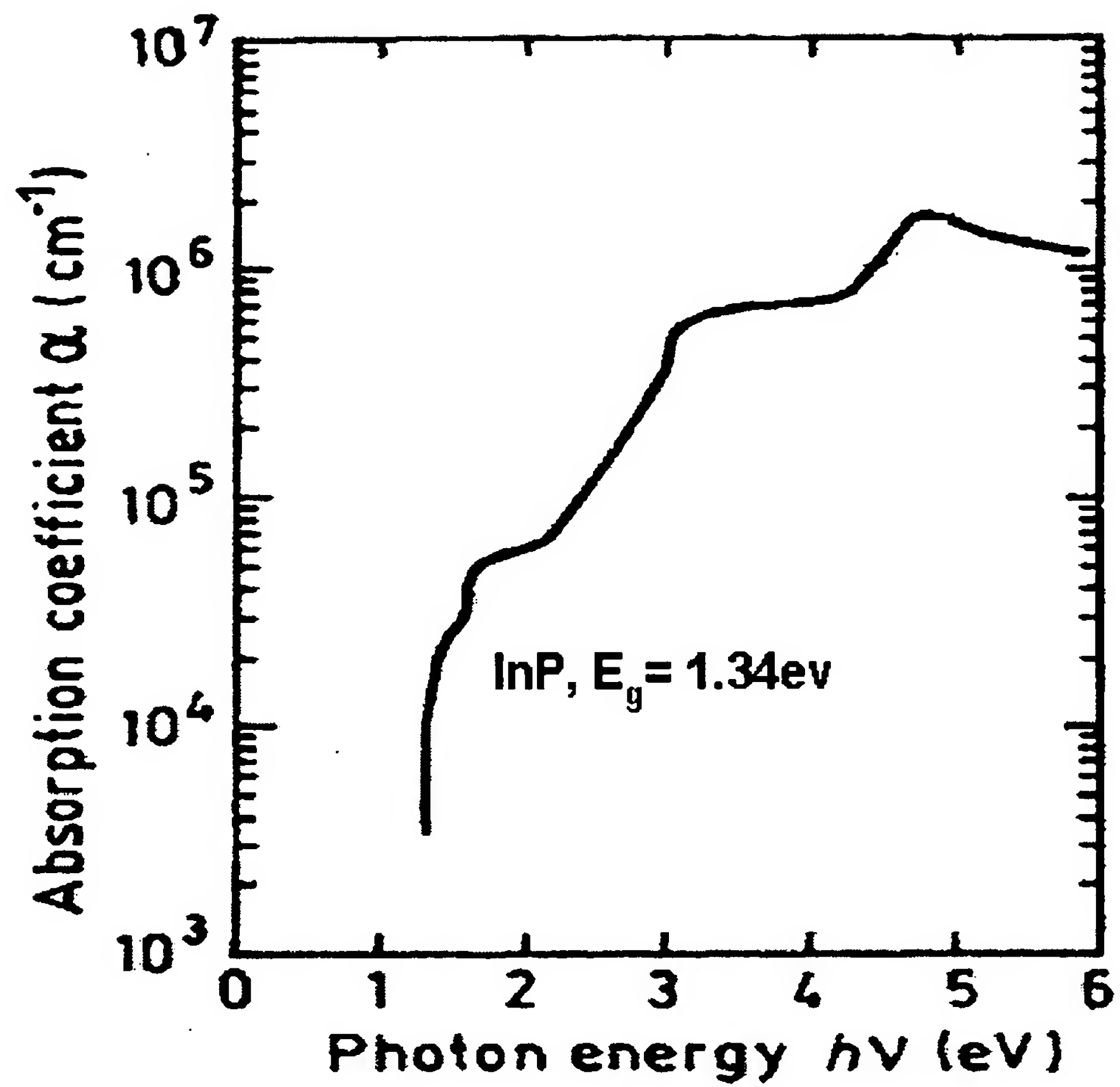
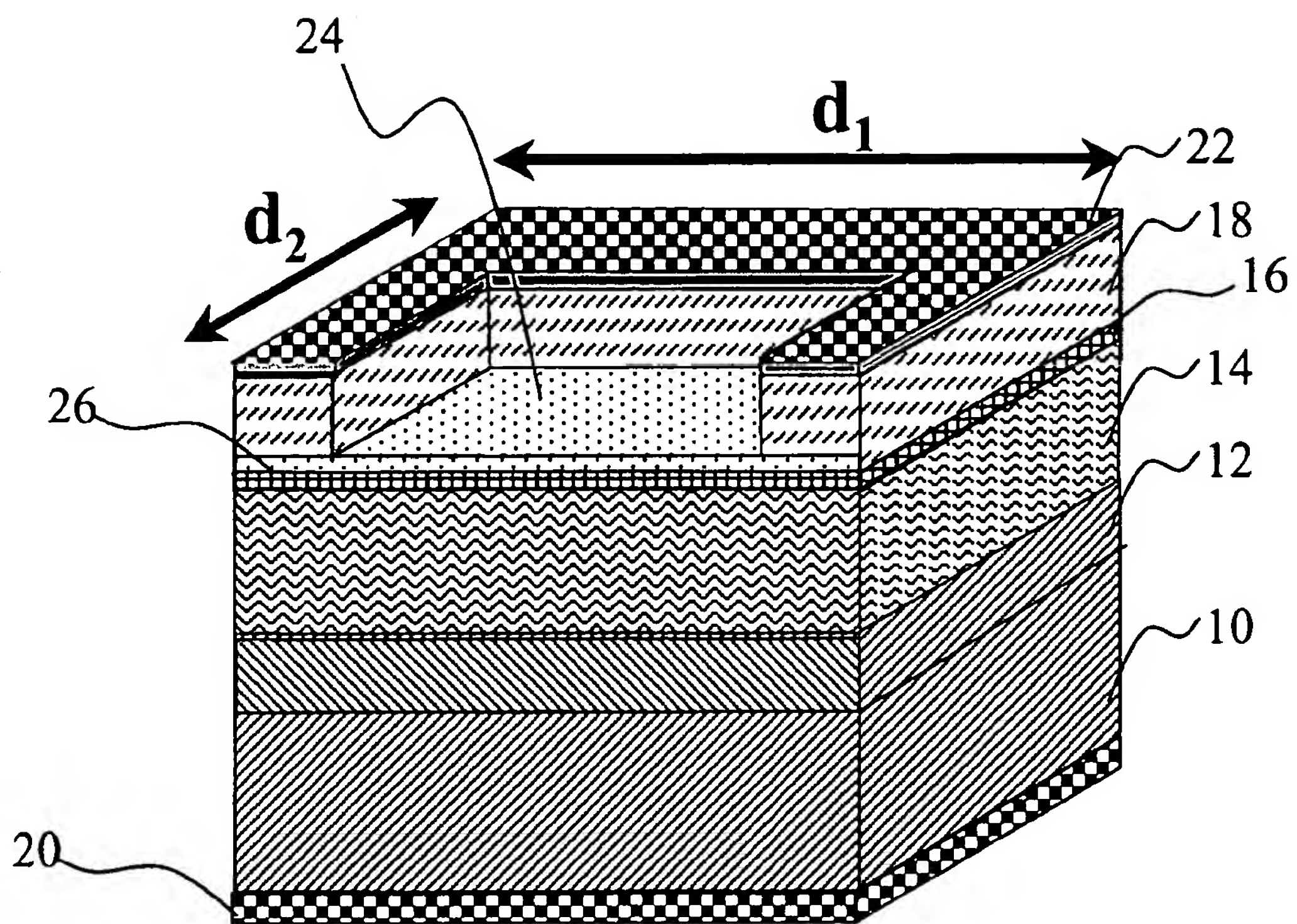
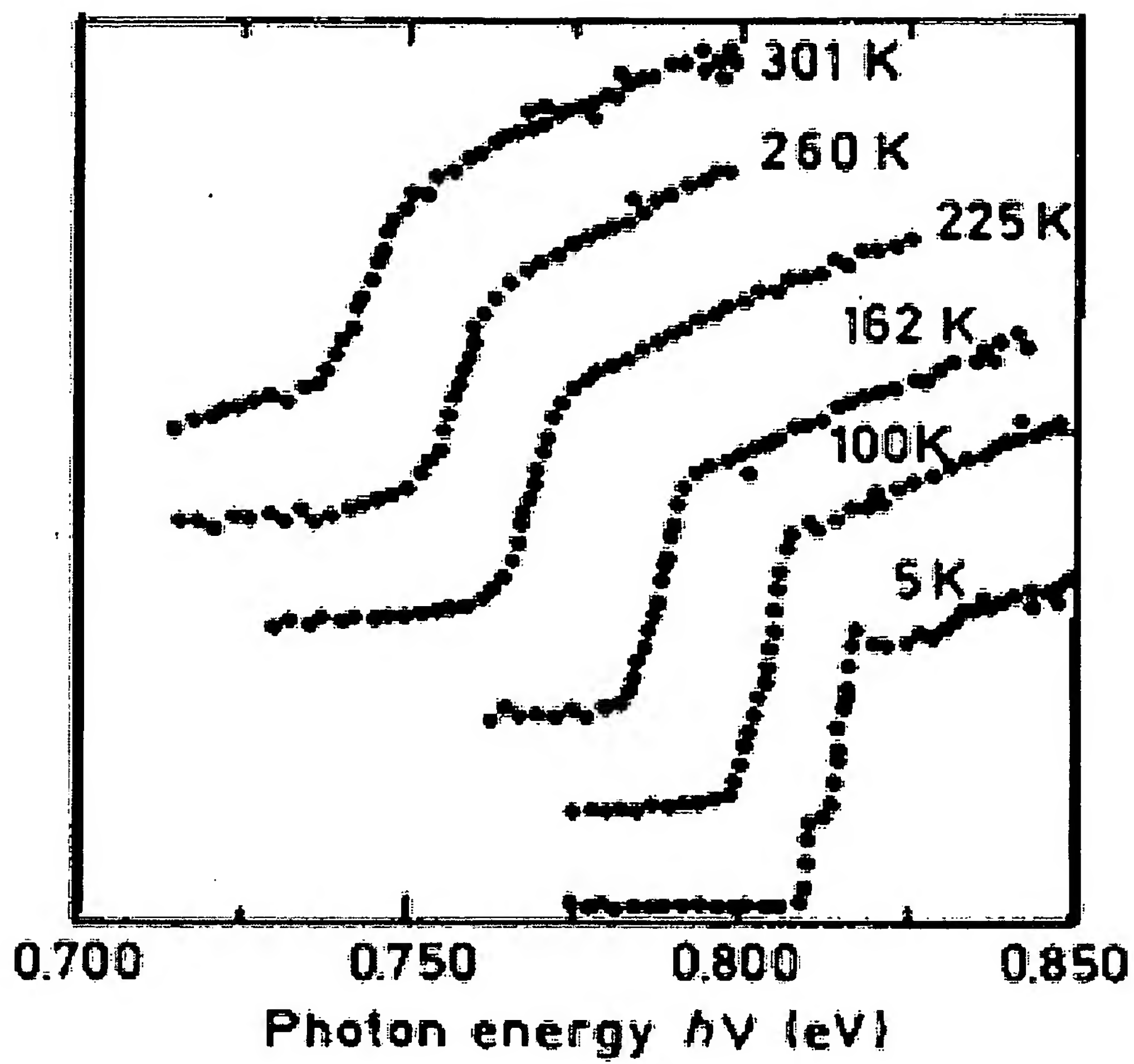


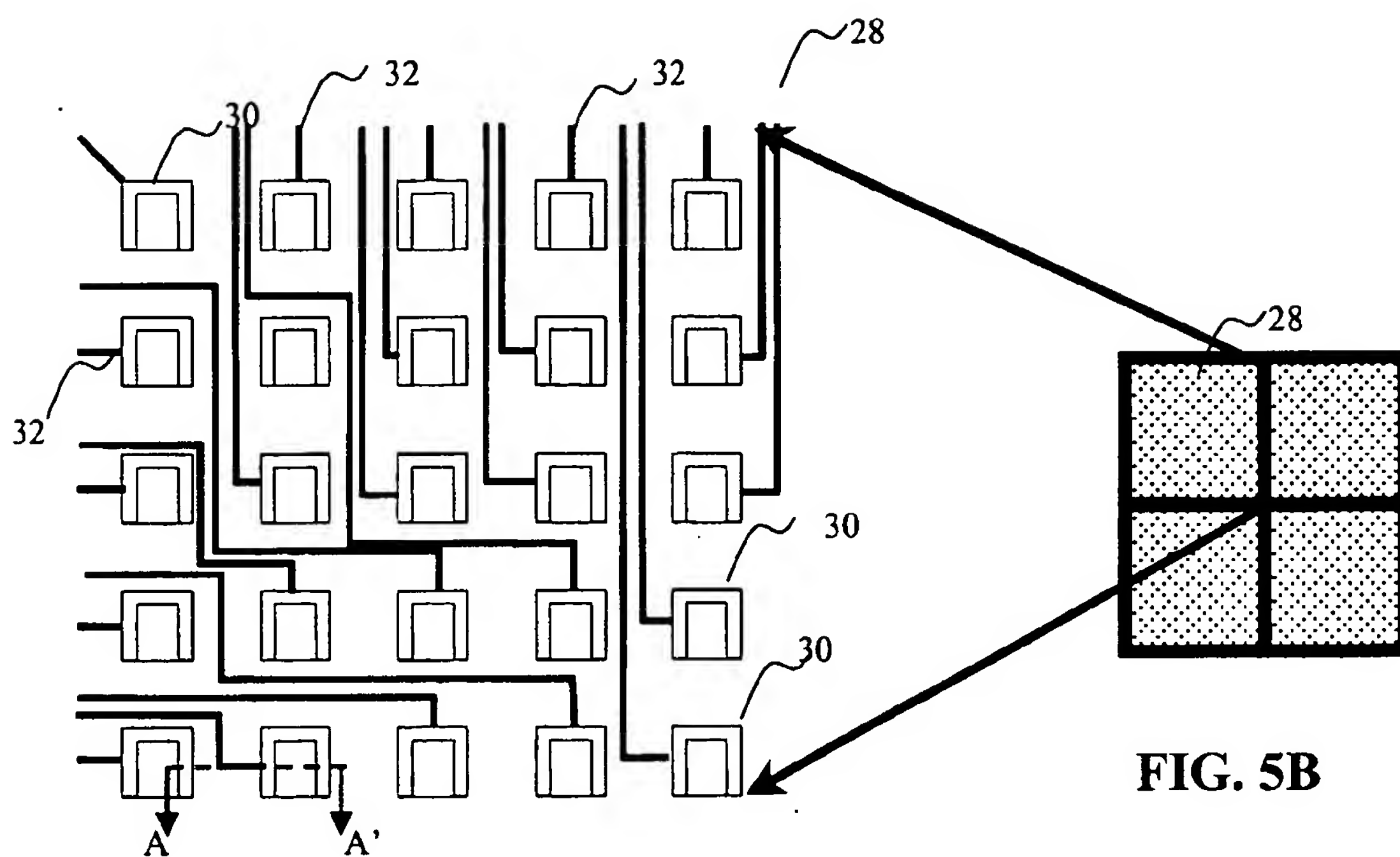
FIG. 2B



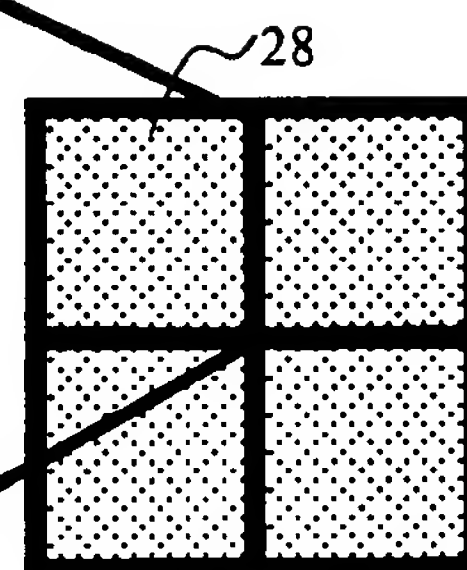
**FIG. 3**



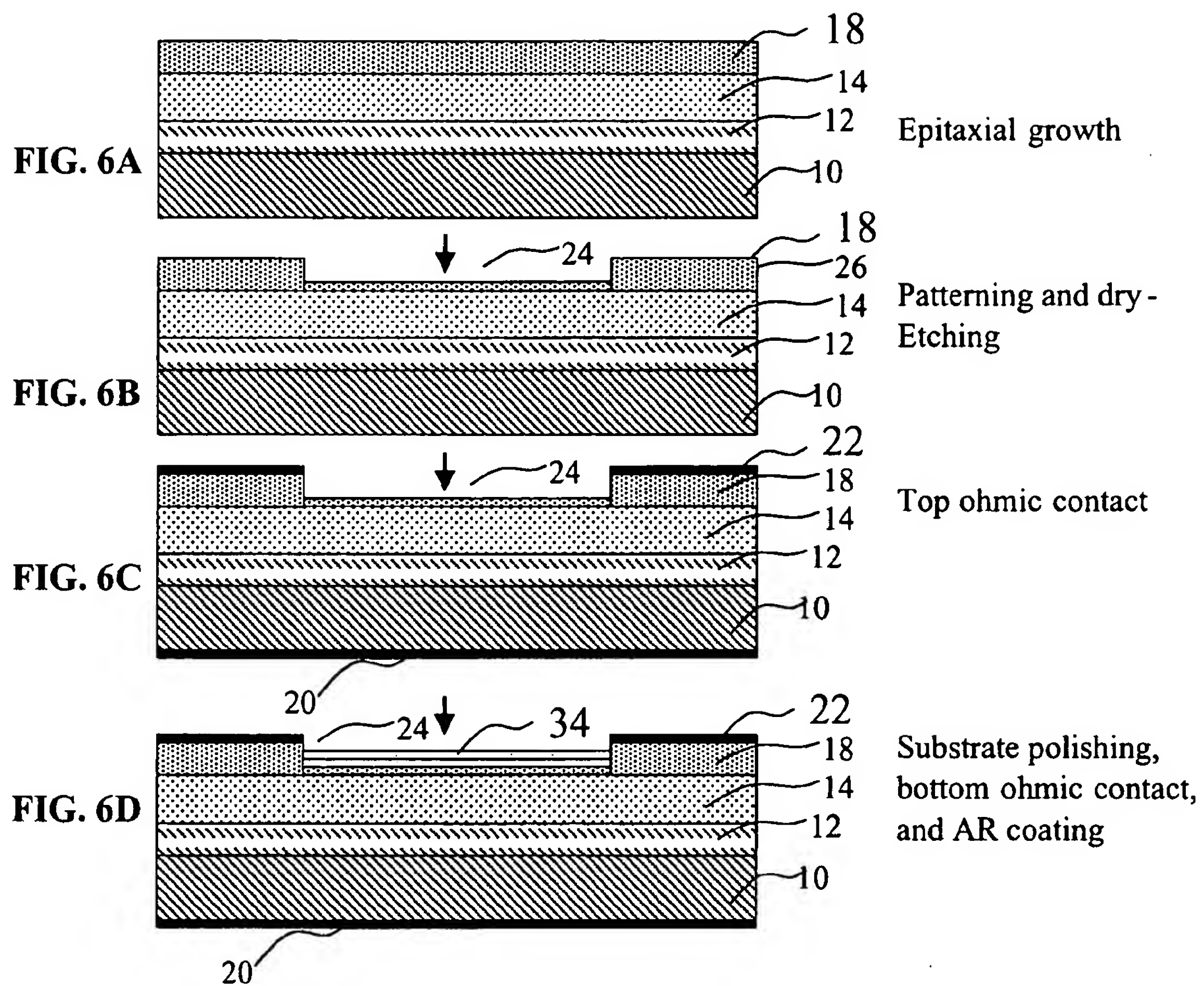
**FIG. 4**



**FIG. 5A**



**FIG. 5B**





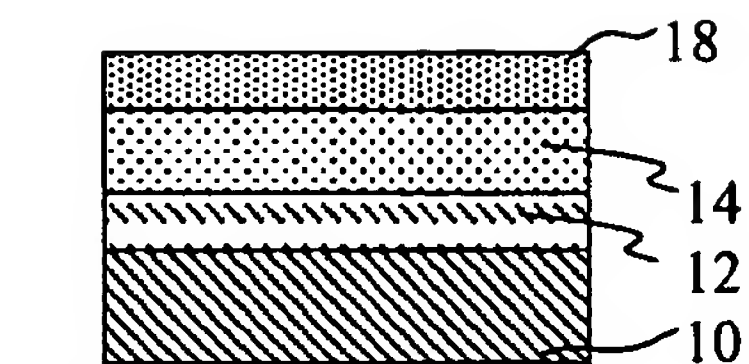
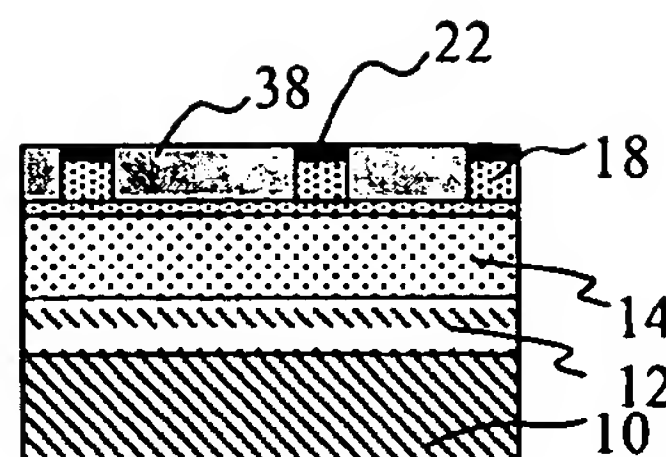


FIG. 7A

Epitaxial growth



Deposition and planarization

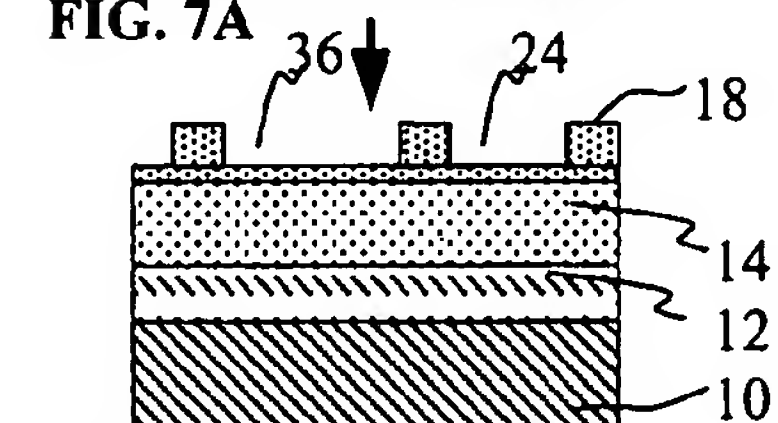
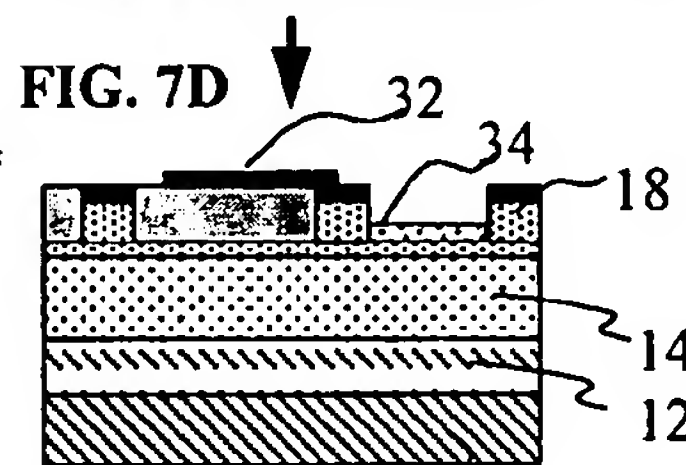


FIG. 7B

Patterning and dry etching



Metallization for metal line, bottom contact AR formation.

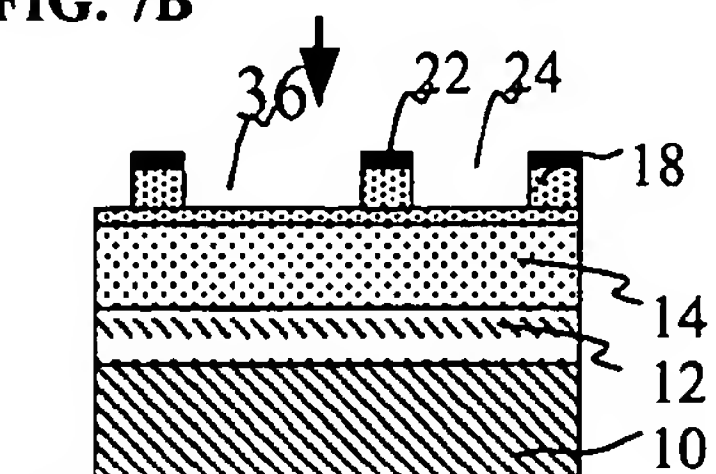
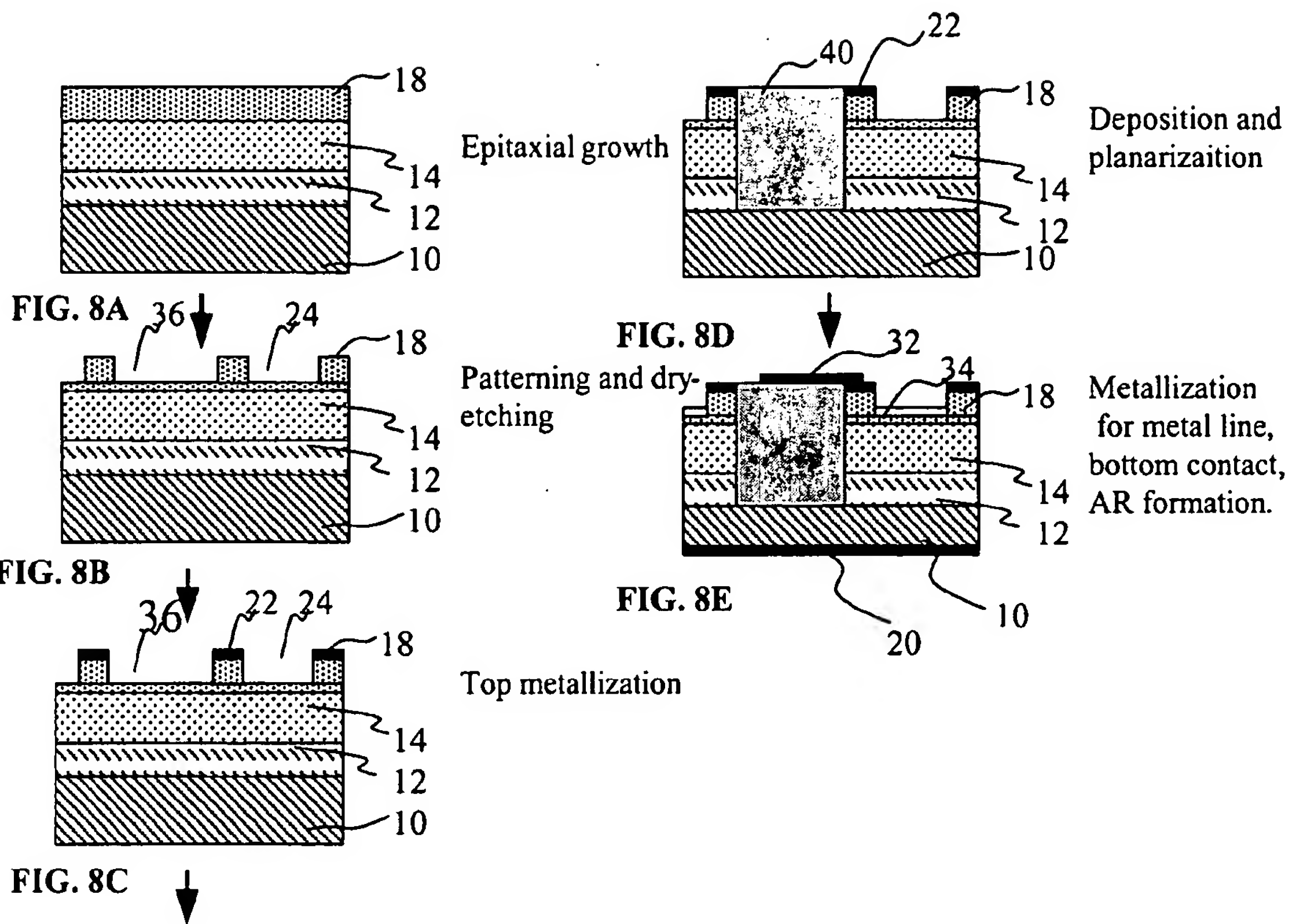


FIG. 7C

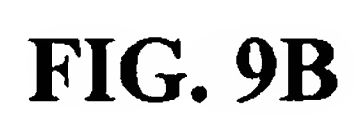
Top metallization



FIG. 7E







**FIG. 9B**